

**MOBILE DEVICE AND DISK DRIVE RESTRICTED FROM READING A DATA
STORAGE ZONE IN A MOBILE ENVIRONMENT**

ABSTRACT OF THE DISCLOSURE

The invention may be embodied in a disk drive for use in a mobile device. The mobile device may be a hand held computing device such as a personal digital assistant (PDA) or a mobile terminal such as a cellular telephone. The mobile device includes a host processor for accessing data on the disk drive. The disk drive has a rotating disk media and a moveable read/write head disposed over the disk media. The disk media is divided into a first data storage zone and a second data storage zone. The data storage zones are radially disposed in discrete areas of the disk media and each zone has a plurality of tracks for storing data. The mobile device may read data from the first data storage zone when the mobile device is in a mobile environment. The mobile device may read data from the second data storage zone only when the mobile device is in a non-mobile environment and may not read data from the second data storage zone when the mobile device is in a mobile environment.